# USER QUICK START GUIDE

## Product Safety Warnings

**WARNINGS**
*Ensure that the computer is disconnected from its power source and from all telecommunications links, networks, or modem lines whenever the chassis cover is removed. Do not operate the computer with the cover removed.*

**AVERTISSEMENT**
*Assurez vous que le système soit débranché de son alimentation ainsi que de toutes les liaisons de télécomunication, des réseaux,et des lignes de modem avant d'enlever le capot. Ne pas utiliser le système quand le capot est enlevé.*

**WARNUNG**
*Das System darf weder an eine Stromquelle angeschlossen sein noch eine Verbindung mit einer Telekommunikationseinrichtung, einem Netzwerk oder einer Modem-Leitung haben, wenn die Gehäuseabdeckung entfernt wird. Nehmen Sie das System nicht ohne die Abdeckung in Betrieb.*

**AVVERTENZA**
*Prima di rimuovere il coperchio del telaio, assicurarsi che il sistema sia scollegato dall'alimentazione, da tutti i collegamenti di comunicazione, reti o linee di modem. Non avviare il sistema senza aver prima messo a posto il coperchio.*

**ADVERTENCIAS**
*Asegúrese de que cada vez que se quite la cubierta del chasis, el sistema haya sido desconectado de la red de alimentación y de todos lo enlaces de telecomunicaciones, de red y de líneas de módem. No ponga en funcionamiento el sistema mientras la cubierta esté quitada*

## Connect the Peripheral & Power Cables

Connect the peripherals (Keyboard, Mouse, Video, etc.) required for correct operation of the computer system. Refer to the enclosed diagram of the specific Model 526E and motherboard combination for the location and function of the various peripheral connectors on the system. If you are unsure what model of motherboard is installed, then locate the diagram that matches the system. The function of the connectors is standard for different motherboards.

**NOTE**
***All of the external peripheral cables are designed such that the connector can only be inserted in one orientation. Check the orientation of the connector if the cable will not connect easily. Do not use excessive force to connect a cable.***

Check that the power cord supplied is designed and approved for power connections. If you are unsure of the power cords suitability, check with the safety approval agency in your region of the world. If the power cable supplied is not suitable please review the instructions in the section "Power Cord Replacement". Before connecting the power cord to the system, make sure the power supply is set for the correct voltage operating range for your region. Refer to the enclosed diagram of the specific Model 526E and motherboard combination for the location and instructions for setting the computer system's operating voltage setting.

**Warning**
*The power supply voltage standby circuit is active when the computer is turned off. Ensure that the computer is disconnected from its power source and from all telecommunications links, networks, or modem lines whenever the chassis cover is removed. Do not operate the computer with the cover removed.*

## Power Cord Replacement

**WARNING**
*Do not attempt to modify or use the supplied AC power cord if it is not the exact type required.*

In some cases, the power cord supplied with this system may not be compatible with the AC wall outlet in your region. If this is true, you must obtain a suitable power cord that meets the following criteria:

- The cord must be rated for use at the AC voltage available, with a current rating that is at least 125% of the current rating of the product.
- The AC plug end must be terminated in a grounding-type male plug designed for use in your region. The plug ends must be labeled or marked to indicate they have been certified by an agency acceptable in your region.
- The connector at the product end must be an IEC 320, sheet C13, female connector (or the equivalent EN 60 320 connector).
- The cord must be less than 14.8 feet (4.5 meters) long and, for use in Europe, be created with <HAR> (harmonized) or VDE certified cordage.

## Turning on the Computer

Your computer is supplied with an advanced power supply that allows the operating system to control the power supplies operation. The power switch on the power supply is used to initially enable power to the system. (See the enclosed Installation Diagram) The front power switch is then used to turn the system on or to put the system into a sleep mode. (See Figure 1) The power switch can also be used to turn off the computer before the operating system is completely loaded.

**WARNING**
TO PREVENT ACESS TO HIGH ELECTRICAL ENERGY PARTS. DO NOT REMOVE THE COVERS WHILE THE SYSTEM IS POWERED ON!

Copyright © 2013, SySTIUM® Technologies, LLC
PN: 90526-09

## Power-on Self-Test

Each time you turn on the Computer, the power-on self-test (POST) runs automatically and checks the system motherboard, CPU module, memory, keyboard, and most installed peripheral devices.

**NOTE:**
***If the system halts before POST completes running and emits a beep code indicating a fatal system error or displays a POST failure message on the monitor, contact your service representative or supplier for assistance.***

The POST will also display the message "Press <F2> key if you want to run SETUP." You have about five seconds to press <F2> to enter setup before the boot process will continue.

The computer will then start the operating system. Please refer to the documentation supplied with the operating system for further information on operating the computer.

## Shutting off Your Computer

Your computer is equipped with a power supply that supports the "Soft-OFF" feature of operating systems that support the ACPI 1.0 or APM standard 1.1 or higher. The "Soft-OFF" feature allows the operating system to turn off the power supply automatically once it is ready to shutdown the system. Operating systems that support "Soft-OFF" include Microsoft Windows 2000 and Windows XP.

Please refer to the manual supplied with you operating system to determine how to shut down your computer.

**NOTE**
***It is possible to turn the computer off using the front panel switch while the computer has the operating system loaded and is operational. Pushing in the power switch and holding the switch in until the computer shuts off. Release the switch.***

⚠ **Caution**
*Doing this may result in a loss of data and corruption of the computer operating system or application. The computer should only be shut off using the front power switch when the operating system becomes unavailable for shutting off the computer.*

⚠ **WARNING**
*Your computer is never totally powered off unless the computer is disconnected from the ac outlet. Never open the computer without removing the AC power cord from the AC inlet.*

## Front Panel Controls

The front panel of your computer contains the controls and activity indicators used for daily operation. Your computer was designed to place any peripherals that require daily access in a convenient location at the front of the computer.

**NOTE:**
***The Power Switch, 5.25 Peripheral and optional Front Panel USB connector are normally covered by a door on the bezel. The door must be opened to gain access to these items. The door is opened by grasping the notch on outside edge of the door and rotating the door towards the center of the chassis.***

**NOTE:**
***The Model 526E may be mounted vertically (Tower) or Horizontally (Desktop). The front panel controls are in the same location on the bezel as shown in Figure 1.***

A. Front Panel USB. (Optional) If installed this connector supports front panel connections for USB devices.

B. Power control switch. Once the operating system is completely loaded and the computer is operational the computer should only be turned off using the operating system. It is possible to turn the computer off using the front panel switch while the computer has the operating system loaded and is operational. Push in the power switch and hold the switch in until the computer shuts off. Release the switch.

C. Bay for 3.5-inch device.

D. Hard disk light. Turns on when the computer reads or writes data to a hard disk.

E. Power on/off. LED is green when the computer is on. When the computer is in a powered off state the LED is not on.

F. Reset switch. Press this switch to reset the System. The switch is recessed slightly to prevent accidental activation.

**Figure 1**

Copyright © 2013, SySTIUM® Technologies, LLC

# BATTERY REPLACEMENT INSTRUCTIONS

**HOW TO REPLACE THE BATTERY**

When your computer is turned off, a lithium battery keeps the time of-day clock and the values in CMOS RAM current. Figure B.1 shows the location of the battery.

The battery should last about seven years. When the battery begins to die, it loses voltage; when the voltage drops below a certain level, the Setup program settings stored in CMOS RAM (for example, the date and time) might not be accurate. Replace the battery with an equivalent one.

**TO REPLACE THE BATTERY, FOLLOW THESE STEPS:**

1. Turn off all peripheral devices connected to the computer. Turn off the computer. Disconnect the power cord.

2. Remove the computer cover. Locate the battery on the motherboard (see Figure B.1).

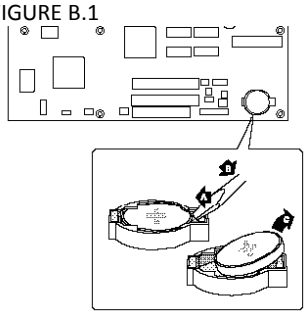
3. With a medium flat-bladed screwdriver, gently pry the battery free from its socket.

***Note the orientation of the "+" and "-" on the battery.***

4. Install the new battery in the socket, orienting the "+" and "-" correctly.

5. Replace the computer cover.

FIGURE B.1



**NOTE**

***Do not expose batteries to excessive heat or fire. Keep all batteries away from children. Spent batteries must be disposed of at an approved recycling or disposal facility or in accordance with federal, state, provincial, municipal or local environmental control requirements. The customer agrees to abide by such disposal requirements as may exist in their jurisdiction and to indemnify*** *SySTIUM®* Technologies ***for any failure to do so.***

**WARNING**
*Danger of explosion if the battery is incorrectly replaced. Replace only with the same or equivalent type recommended by the equipment manufacturer. Discard used batteries according to manufacturer's instructions.*

**ATTENTION**
*Il y a danger d'explosion s'il y a remplacement incorrect de la batterie. Remplacer uniquement avec une batterie du méme type ou d'un type recommandé par le constructeur. Mettre*

*au rebut les batteries usagées conformément aux instructions du fabricant.*

**ADVARSEL!**
*Lithiumbatteri - Eksplosionsfare ved fejlagtig håndtering. Udskiftning må kun ske med batteri af samme fabrikat og type. Levér det brugte batteri tilbage til leverandøren.*

**ADVARSEL**
*Lithiumbatteri - Eksplosjonsfare. Ved utskifting benyttes kun batteri som anbefalt av apparatfabrikanten. Brukt batteri returneres apparatleverandøren.*

**VARNING**
*Explosionsfara vid felaktigt batteribyte. Använd samma batterityp eller en ekvivalent typ som rekommenderas av apparattillverkaren. Kassera använt batteri enligt fabrikantens instruktion.*

**VAROITUS**
*Paristo voi räjähtää, jos se on virheellisesti asennettu. Vaihda paristo ainoastaan laitevalmistajan suosittelemaan tyyppiin. Hävitä käjtetty paristo valmistajan ohjeiden mukaisesti.*

Copyright © 2013, SySTIUM® Technologies, LLC

# PRODUCT REGULATORY COMPLIANCE

**Radio Frequency Interference Notice (USA)**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate the equipment. The customer is responsible for ensuring compliance of the modified product.

Only peripherals (computer input/output devices, terminals, printers, etc.) that comply with FCC class B limits may be attached to this computer product. Operation with noncompliant peripherals is likely to result in interference to radio and TV reception.

All cables used to connect to peripherals must be shielded and grounded. Operation with cables, connected to peripherals that are not shielded and grounded may result in interference to radio and TV reception.

**Manufacturer: SySTIUM® Technologies, LLC**
*New Hope, MN*
*763-537-3600*
**Contact:** *Customer Support*

**NOTE**
***If a Class A device is installed within this system, then the system is to be considered a Class A system. In this configuration, operation of this equipment in a residential area is likely to cause harmful interference.***

**Radio Frequency Interference Notice (CDN)**

This Class B digital apparatus complies with Canadian ICES-003.
Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

**Declaration of the Manufacturer or Importer**

This system is compliant with Low Voltage Directive 2006/95/EC using the standard IEC60950-1 according to EN 60950-1:2006/A11:2009/A1:2010/A12:2011.

This system is compliant with EU directive 2004/108/EC using the standards EN 55022:2010 and EN 55024:2010.

**SAFETY COMPLIANCE**
***UL 60950-1 Second Edition; CSA60950-1-07 Second Edition Amendment 1:2011 Information Technology Equipment - Safety - Part 1: General Requirements***

***EN 60950- 1:2006/A11:2009/A1:2010/A12:2011***
***The Standard for Safety of Information Technology Equipment including Electrical Business Equipment (European Union) "EN 60950 compliance"***

***IEC 60950-1:2005 (2nd Edition); Am 1:2009***
***The Standard for Safety of Information Technology Equipment including Electrical Business Equipment (International)***

**EMC COMPLIANCE**
FCC Class B Title 47 of the Code of Federal Regulations, Parts 2 & 15, Subpart B, pertaining to unintentional radiators. (USA) "EMI regulations" "FCC compliance"

CISPR 22: 2009 +A1:2010
Limits and methods of measurement of Radio Interference Characteristics of Information Technology Equipment (International) "CISPR 22 compliance"

EN 55022:2010
Limits and methods of measurement of Radio Interference Characteristics of Information Technology Equipment (Europe) "EN 55022 compliance"

EN 55024:2010 ITE Immunity Standard; Currently compliance is determined via testing to EN61000-4 -2, -3, 4, 6, 8,11, 61000-3-2, 3.

ICES-003:2012, Issue 4 Interference-Causing Equipment Standard, Digital Apparatus. (Canada)

**Disclaimer Statement**
*SySTIUM® Technologies makes no warranty of any kind with regard to this material, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose. SySTIUM® Technologies assumes no responsibility for any errors that may appear in this document. SySTIUM® Technologies makes no commitment to update nor to keep current the information contained in this document. No part of this document may be copied or reproduced in any form or by any means without prior written consent of SySTIUM® Technologies. † Third-party brands and trademarks are the property of their respective owners.*

Copyright © 2013, SySTIUM® Technologies, LLC

# Advantech AIMB-567 INSTALLATION DIAGRAM

## Check the Input Voltage Setting

The Model 526E Advantech AIMB-567 configuration is supplied with a 350 watt power supply. The power supply is designed to be connected to an IT power system and will automatically detect and adjust to the following input voltages:

115V AC or 230V AC

## Connecting the Computer

The Advantech AIMB-567 motherboard is installed as described in the Model 526E Assembly Guide. No extra steps are required.

Connect Power Here

Copyright © 2013, Systium® Technologies, LLC

# Advantech AIMB-580 INSTALLATION DIAGRAM

## Check the Input Voltage Setting

The Model 526E Advantech AIMB-580 configuration is supplied with a 350 watt power supply. The power supply is designed to be connected to an IT power system and will automatically detect and adjust to the following input voltages:

115V AC or 230V AC

## Connecting the Computer

The Advantech AIMB-580 motherboard is installed as described in the Model 526E Assembly Guide. No extra steps are required.

Connect Power Here

Copyright © 2013, Systium® Technologies, LLC

# Intel BCM RX35Q INSTALLATION DIAGRAM

## Check the Input Voltage Setting

The Model 526E Intel BCM RX35Q configuration is supplied with a 350 watt power supply. The power supply is designed to be connected to an IT power system and will automatically detect and adjust to the following input voltages:

115V AC or 230V AC

## Connecting the Computer

The motherboard is installed as described in the Model 526E Assembly Guide. No extra steps are required.

Connect Power Here

Copyright © 2013, Systium® Technologies, LLC

# BCM RX45Q INSTALLATION DIAGRAM

## Check the Input Voltage Setting

The Model 526E BCM RX45Q configuration is supplied with a 350 watt power supply. The power supply is designed to be connected to an IT power system and will automatically detect and adjust to the following input voltages:

115V AC or 230V AC

## Connecting the Computer

The BCM RX45Q motherboard is installed as described in the Model 526E Assembly Guide. No extra steps are required.

Connect Power Here

Copyright © 2013, Systium® Technologies, LLC

# BCM RX67Q INSTALLATION DIAGRAM

## Check the Input Voltage Setting

The Model 526E BCM RX67Q configuration is supplied with a 350 watt power supply. The power supply is designed to be connected to an IT power system and will automatically detect and adjust to the following input voltages:

115V AC or 230V AC

## Connecting the Computer

The BCM RX67Q motherboard is installed as described in the Model 526E Assembly Guide. No extra steps are required.

Copyright © 2013, Systium® Technologies, LLC

# BCM RX965QV INSTALLATION DIAGRAM

## Check the Input Voltage Setting

The Model 526E BCM RX965QV configuration is supplied with a 350 watt power supply. The power supply is designed to be connected to an IT power system and will automatically detect and adjust to the following input voltages:

115V AC or 230V AC

## Connecting the Computer

The motherboard is installed as described in the Model 526E Assembly Guide. No extra steps are required.

Connect Power Here

Copyright © 2013, Systium® Technologies, LLC

# Intel DH55TC INSTALLATION DIAGRAM

## Check the Input Voltage Setting

The Model 526E Intel DH55TC configuration is supplied with a 350 watt power supply. The power supply is designed to be connected to an IT power system and will automatically detect and adjust to the following input voltages:

115V AC or 230V AC

## Connecting the Computer

The Intel DH55TC motherboard is installed as described in the Model 526E Assembly Guide. No extra steps are required.

Copyright © 2013, Systium® Technologies, LLC

# Intel DQ67OW INSTALLATION DIAGRAM

## Check the Input Voltage Setting

The Model 526E Intel DQ67OW configuration is supplied with a 350 watt power supply. The power supply is designed to be connected to an IT power system and will automatically detect and adjust to the following input voltages:

115V AC or 230V AC

## Connecting the Computer

The motherboard is installed as described in the Model 526E Assembly Guide. No extra steps are required.

Connect Power Here

Copyright © 2013, Systium® Technologies, LLC

# Intel DQ67SW INSTALLATION DIAGRAM

## Check the Input Voltage Setting

The Model 526E Intel DQ67SW configuration is supplied with a 350 watt power supply. The power supply is designed to be connected to an IT power system and will automatically detect and adjust to the following input voltages:

115V AC or 230V AC

## Connecting the Computer

The motherboard is installed as described in the Model 526E Assembly Guide. No extra steps are required.

Connect Power Here

Copyright © 2013, Systium® Technologies, LLC

# Intel DQ77MK INSTALLATION DIAGRAM

## Check the Input Voltage Setting

The Model 526E Intel DQ77MK configuration is supplied with a 350 watt power supply. The power supply is designed to be connected to an IT power system and will automatically detect and adjust to the following input voltages:

115V AC or 230V AC

## Connecting the Computer

The motherboard is installed as described in the Model 526E Assembly Guide. No extra steps are required.

Connect Power Here

Copyright © 2013, Systium® Technologies, LLC

# Itox BL330-BR INSTALLATION DIAGRAM

## Check the Input Voltage Setting

The Model 526E Itox BL330-BR configuration is supplied with a 350 watt power supply. The power supply is designed to be connected to an IT power system and will automatically detect and adjust to the following input voltages:

115V AC or 230V AC

## Connecting the Computer

The motherboard is installed as described in the Model 526E Assembly Guide. No extra steps are required.

Connect Power Here

Copyright © 2013, Systium® Technologies, LLC

# Itox SB330-CRM INSTALLATION DIAGRAM

## Check the Input Voltage Setting

The Model 526E Itox SB330-CRM configuration is supplied with a 350 watt power supply. The power supply is designed to be connected to an IT power system and will automatically detect and adjust to the following input voltages:

115V AC or 230V AC

## Connecting the Computer

The motherboard is installed as described in the Model 526E Assembly Guide. No extra steps are required.

Copyright © 2013, Systium® Technologies, LLC

# Itox EL331-DR INSTALLATION DIAGRAM

## Check the Input Voltage Setting

The Model 526E Itox EL331-DR configuration is supplied with a 350 watt power supply. The power supply is designed to be connected to an IT power system and will automatically detect and adjust to the following input voltages:

115V AC or 230V AC

## Connecting the Computer

The Itox EL331-DR motherboard is installed as described in the Model 526E Assembly Guide. No extra steps are required.

Copyright © 2013, Systium® Technologies, LLC

# Itox EL331-DR INSTALLATION DIAGRAM

## Check the Input Voltage Setting

The Model 526E Itox EL331-DR configuration is supplied with a 350 watt power supply. The power supply is designed to be connected to an IT power system and will automatically detect and adjust to the following input voltages:

115V AC or 230V AC

## Connecting the Computer

The Itox EL331-DR motherboard is installed as described in the Model 526E Assembly Guide. No extra steps are required.

Copyright © 2013, Systium® Technologies, LLC

# ITOX MB330-CRM INSTALLATION DIAGRAM

## Check the Input Voltage Setting

The Model 526E ITOX MB330-CRM configuration is supplied with a 350 watt power supply. The power supply is designed to be connected to an IT power system and will automatically detect and adjust to the following input voltages:

115V AC or 230V AC

## Connecting the Computer

The motherboard is installed as described in the Model 526E Assembly Guide. No extra steps are required.

Connect Power Here

Copyright © 2013, Systium® Technologies, LLC